



COVERAGE KING®

PRODUCT SPECIFICATIONS

Certifications

IP66 Certified

FCC Part 15 B Class A

CISPR EN55035:2017

IEC EX61000 -4-5 Surge Immunity Test

Wind load tested 150 MPH both sustained and operational

Mechanical Specifications

Depth.....18 in.

Length.....38 in. (can accommodate up to 8' antenna)

Width.....12 in.

Net Weight.....42 lbs.

Load Capacity.....250 lbs.

Temperature Range (°F).....-40° to +140°

Wind Speed.....150 MPH sustained, intermittent, and operational

Azimuth Range.....-60° to +60° (-80° to +80° special order)

Mounting Hardware.....Compatible with most industry standard
mounting hardware

AISG Controlled Motors.....2) shielded, 10-30 VDC

Down-Tilt Linear Drive Specifications

Rails, Carriage Plate and Blocks.....Aluminum

Actuator Piston.....Stainless Steel

Bearings.....Self-Lubricating thrust (extreme environment)

Stroke Length.....7.5 in. Standard (customizable by special order)

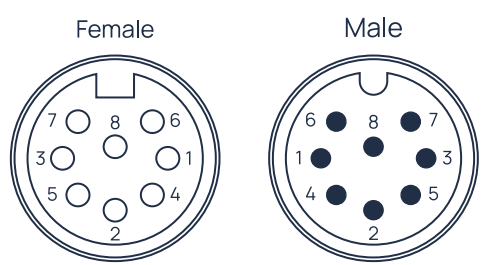
Down-Tilt Range.....0° to 20° (0° to 35° available special order)

Azimuth Gearbox Specifications

Gear Reduction.....	50-1 Worm Gear (proprietary ultra low backlash)
Water & Dust Resistance.....	IP66 Rating
Azimuth Range.....	-60° to +60° (-80° to +80° special order)

Electrical Specifications

C-485 ASIG Connector.....	AISG C-485
---------------------------	------------



Pin Configuration

Pin 1.....	10-15 Vdc
Pin 2.....	No Connection
Pin 3.....	RS485B
Pin 4.....	No Connection
Pin 5.....	RS485A
Pin 6.....	19-30 Vdc
Pin 7.....	DC Return
Pin 8.....	No Connection

Voltage Requirements.....	10 Vdc to 15 Vdc on Pin 1
	15 Vdc to 30 Vdc on Pin 6

Current Consumption @ 24 Vdc

Quiescent.....	~25mA
Operating Current.....	~140mA
Startup Current.....	~400mA